

**SSCI 575 (Section 35781 and 35784), Spatial Data Science**

*Syllabus*

**Units:** 4

**Term:** Spring 2025

**Day Time:** Mon & Thu, 11:00am-12:50pm

**Location:** AHF 145D and DEN@Dornsife

**Instructor:** Sisi Wang, Ph.D., GISP

**Office:** AHF B57C

**Office Hours:** Thu 1:00-3:00pm PT in-person or via zoom – please contact me via email in advance to ensure I will be available in the format you’d wish to meet.

**Contact Info:** [siginwan@usc.edu](mailto:siginwan@usc.edu); (213) 821-1466, see contactpage on D2L Brightspace for Zoom link

**Library Help:** Andy Rutkowski

**Office:** LIPA B40-A

**Office Hours:** By Appointment

**Contact Info:** [arutkows@usc.edu](mailto:arutkows@usc.edu)

**IT Help:** Myron Medalla

**Office:** AHF B56B

**Office Hours:** By appointment via email

**Contact Info:** [spatial\\_support@usc.edu](mailto:spatial_support@usc.edu), 213-821-4415

## Course Scope and Purpose

This course is a required course for the Master's Degree in Spatial Data Science, and an elective course for the Master's Degree in Geographic Information Science & Technology (GIST), Master's Degree in Spatial Economics and Data Analysis, Graduate Certificate in Geospatial Leadership, Graduate Certificate in Remote Sensing for Earth Observation (RSEO), and Transportation Systems Management GIS Specialization.

Could we have prepared for an earthquake evacuation using data such as geotagged tweets? How are our movement patterns related to spreading of a pandemic? Questions such as these are becoming more commonplace in spatial analysis as data sources increase in variety, and the questions we ask are more interdisciplinary. This course aims to provide students with theoretical and practical knowledge pertaining to spatial machine learning methods frequently used in spatial analysis. Students will gain experience in statistical, algorithmic and practical applications of modern spatial machine learning methods that complement and enhance traditional (spatial) statistical approaches to spatial analysis. Students will be introduced to statistical computing in the context of machine learning.

The course is structured as a series of theoretical and hands-on lectures, where students will learn theory and algorithms behind commonly used machine learning methods and apply them to spatial analysis problems. The course will use Geographic Information Systems (GIS) and Python as the main computational framework for representing spatial data and all class examples will be studied within the context of GIS. This course features a series of hands-on projects where students will use cutting-edge methods to solve a spatial data science problem that span multiple disciplines, such as public health, the house market, and natural disaster response, to name a few. Students will also perform research and reading assignments, where they will be studying state of the research in different aspects of spatial machine learning and making connections with research and foundational ideas covered in class.

This a graduate level course, so you should expect this class to be both academically robust and intellectually challenging. As graduate students you are expected to engage with the information you are learning and to explore the heady cauldron of ideas, opinion, and analysis that describe our collective effort to thoroughly interrogate the subject at hand.

### ***Learning Outcomes***

On completion of this course, students should be able to:

- Implement the spatial machine learning workflow for complex problems and systematically solve a multidisciplinary problem
- Understand algorithmic differences in a range of spatially implicit and explicit machine learning methods
- Apply appropriate type of machine learning methods to spatial problems through the use of result diagnosis and model improvement

Students may vary in their competency levels on these abilities. You can expect to acquire these abilities only if you honor all course policies, attend classes regularly, complete all assigned work in good faith and on time, and meet all other course expectations of you as a student.

**Prerequisite(s):** None

**Co-Requisite(s):** None

**Concurrent Enrollment:** None

**Recommended Preparation:** SSCI 581: *Concepts for Spatial Thinking*

## Class Conduct

**Harassment, sexual misconduct, interpersonal violence, and stalking** are not tolerated by the university. All faculty and most staff are considered Responsible Employees by the university and must forward all information they receive about these types of situations to the Title IX Coordinator. The Title IX Coordinator is responsible for assisting students with supportive accommodations, including academic accommodations, as well as investigating these incidents if the reporting student wants an investigation. The Title IX office is also responsible for coordinating supportive measures for transgender and nonbinary students such as faculty notifications, and more. If you need supportive accommodations you may contact the Title IX Coordinator directly ([titleix@usc.edu](mailto:titleix@usc.edu) or 213-821-8298) without sharing any personal information with me. If you would like to speak with a confidential counselor, Relationship and Sexual Violence Prevention Services (RSVP) provides 24/7 confidential support for students (213-740-9355 (WELL); press 0 after hours)

**Diversity and Inclusion** – It is my intent that students from all diverse backgrounds and perspectives be well served by this course, that students’ learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength and benefit. It is my intent to present materials and activities that are respectful to everyone, and you are also expected to respect of others regardless of their race, ethnicity, gender identity and expressions, cultural beliefs, religion, sexual orientation, national origin, age, abilities, ideas and perspectives, or socioeconomic status. Your suggestions are encouraged and appreciated. Feel free to let me know ways to improve the effectiveness of the course for you personally or for other students.

## Course Structure

The main theoretical concepts are introduced in class via lectures, discussions and after class via reading assignments. Practical exercises utilize Python and the ArcGIS platform for problem-solving. Some assignments may require coding, and working knowledge of Python will be assumed.

**Workload** – This is a four credit, one semester course. Students should expect to spend 10-15 hours per week completing the work in this course.

## Course Content Distribution and Synchronous Session Recordings Policies

USC has policies that prohibit recording and distribution of any synchronous and asynchronous course content outside of the learning environment.

Recording a university class without the express permission of the instructor and announcement to the class, or unless conducted pursuant to an Office of Accessibility Services (OSAS) accommodation. Recording can inhibit free discussion in the future, and thus infringe on the academic freedom of other students as well as the instructor. ([Living our Unifying Values: The USC Student Handbook](#), page 13).

Distribution or use of notes, recordings, exams, or other intellectual property, based on university classes or lectures without the express permission of the instructor for purposes other than individual or group study is prohibited. This includes but is not limited to providing materials for distribution by services publishing course materials. This restriction on unauthorized use also applies to all information, which has been distributed to students or in any way has been displayed for use in relationship to the class, whether obtained in class, via email, on the internet, or via any other media. ([Living our Unifying Values: The USC Student Handbook](#), page 13).

## Technological and Communication Requirements

All software this course will use is provided online via the GIST Server; hence, you do not need to install it on your own computer. Instead, every student must have the following technology requirements:

- A computer with a fast Internet connection.
- A functional webcam and a microphone for use whenever a presentation or meeting is scheduled.
- An up-to-date web browser to access the Server

A limited number of computers with all the necessary software is available in the SSI Suite (AHF B55) during regular business hours, Monday through Friday 9 am to 5 pm. To reserve a computer, please use this link: <https://calendly.com/hilaryj-usc/the-ssi-suite-ahf-b55-student-computers>. These computers are available to any student in an SSCI or GSEC course and can be used as a resource if you experience difficulties in accessing the SSI server or using the GIS software on your personal computer.

If a student does not have access to any of these, please speak with the instructor at the start of the semester. Also, see the USC ITS Student Toolkit here:

<https://keepsteaching.usc.edu/students/student-toolkit/>

*Brightspace* – This course will utilize the Brightspace learning management system which allows students to access course content, upload assignments, participate in discussion forms, among other learning experiences. The Brightspace platform provides flexibility in the learning experience where students can participate in the course residually or remotely, synchronously (meeting together at the same time) or asynchronously (accessing videos and course content outside of class).

*SSI Server and Tech Support* – This course utilizes the SSI Server which is a virtual desktop giving access to many different professional software. If you are unable to connect to the server or experience any type of technical issues, send an email using your USC account to SSI Tech Support at [spatial\\_support@usc.edu](mailto:spatial_support@usc.edu), making sure to copy (cc) me on the email.

*Communications* – All assignments given and all materials to be handed in will be submitted via Brightspace. The instructor will also create and monitor discussion forums through which students can discuss issues and assignments as needed. Students should read all email sent from Brightspace or from course instructor(s) as soon as possible. Also, students who do not regularly use their USC email accounts should double-check to be sure that mail sent from both the Brightspace accounts and the instructor's account (noted above) to your USC account is forwarded to an address used regularly and does not go into junk mail. The instructor will endeavor to respond to all email within 24 hours of receipt, aiming for no more than 72 hours delay. In the rare case that an instructor is off-line for an extended period of time, an announcement will be posted to the class Brightspace site. Due to the synchronous and asynchronous nature of this course, it is each student's responsibility to stay informed and connected with others in our course. In addition to email, students are expected to login to Brightspace regularly to check for announcements.

*Discussion forums* – On the Brightspace site, I will post a series of discussion threads relevant to various sections of the course. Discussions provide a key means for student-to-student discussion and collaboration that can replicate the face-to-face contact you may have experienced in traditional classrooms. Here students can provide support to each other while working on your assignments, sharing hints and helpful tips, as you would in a classroom laboratory. Please post your questions about assignments there, as you would ask them publicly in the classroom. I monitor the discussion threads and offer comments when necessary, but more importantly, consider the discussion board a key way to connect with your classmates and share your discoveries.

## **Required Readings and Supplementary Materials**

The required textbook for this course is:

- Handbook of Geospatial Artificial Intelligence. (2024) Edited by Song Gao, Yingjie Hu, Wenwen Li. CRC Press. (eBook version is available to purchase on publisher website)

The optional textbooks for this course are:

- Hastie, T., Tibshirani, R., & Friedman, J. (2009). The elements of statistical learning: Data mining, inference, and prediction. Berlin, Germany: Springer Science & Business Media. Official Link to PDF
- Haining, R.P. (2003). Spatial data analysis: Theory and practice. Cambridge, UK: Cambridge University Press. (an online copy is available via USC library)

Assigned supplementary readings are below (asterisk (\*) indicates optional reading):

- Nikparvar, B.; Thill, J.-C. Machine Learning of Spatial Data. ISPRS Int. J. Geo-Inf. 2021, 10, 600. <https://doi.org/10.3390/ijgi10090600>
- Le Gallo, Julie, and Cem Ertur. "Exploratory spatial data analysis of the distribution of regional per capita GDP in Europe, 1980–1995." Papers in regional science 82.2 (2003): 175-201.
- Janowicz, K., Gao, S., McKenzie, G., Hu, Y., & Bhaduri, B. (2019). GeoAI: Spatially explicit artificial intelligence techniques for geographic knowledge discovery and beyond. International Journal of Geographical Information Science, 34(4), 625-636.
- Oshan, T. M., Li, Z., Kang, W., Wolf, L. J., & Fotheringham, A. S. (2019). mgwr: A Python implementation of multiscale geographically weighted regression for investigating process spatial heterogeneity and scale. ISPRS International Journal of Geo-Information, 8(6), 269.
- Tong, D., & Murray, A.T. (2012). Spatial optimization in geography. Annals of the Association of American Geographers, 102(6), 1290-1309.

## Description and Assessment of Assignments

### ***Weekly Assignments***

There are several different kinds of assignments with at least one due weekly. These are described in the Weekly Folders on Brightspace. Due dates are shown in the summary that follows.

*Resume Assignments – 1 worth a total of 3 points.* We require all current students to post and maintain a public resume, short biography and recent photo on our shared SSI Student Brightspace site. Please prepare your resume in the SSI template which will be provided to you. Unless you opt out, your resume will be included in the Spatial Sciences Institute Graduate Programs Resume Book. This resume book is compiled annually and, along with our web presence, is used to promote our programs, and more importantly, your skills, experience and professional aspirations.

*Projects – 3 worth a total of 30 points.* 3 projects and will be the major tool used to evaluate your learning in this course. The projects will be linked to course Modules. In support of these projects, students will complete end-to-end data science workflows. Students will gain insight to executing a data science workflow with clear deliverables.

*Reading Assignments – 5 worth a total of 25 points.* Each student is required to complete all reading assignments for this class. The reading assignments will focus on the theory portion of the course as presented in the weekly readings. The objective of the reading is to help you evaluate and integrate the information you have acquired from the course readings.

Some of these will involve discussions and collaborative work and some will be individual efforts.

*Mid-Term Exam – 1 worth of a total of 10 points.* The mid-term will cover material learned in the first half of the semester. It may be mixed format and may consist of multiple choice, short answer, and hands-on calculations.

*Final Exam – 1 worth a total of 10 points.* The final exam will cover material learned over the duration of the semester. It may be mixed format and may consist of multiple choice, short answer, and hands-on calculations.

*Class Activities – 1 worth a total of 3 points.* The class activities will include in-class exercises, online discussions, and various forms that promote active engagement and participation.

### **Final Project**

The final project will provide you the opportunity to integrate learning from various aspects of the course. The final project will require independent thoughts and synthesis, a case study where you design and complete a full chain of spatial data science. More detailed instructions on the final project will be discussed in the class.

*Final Report - 1 worth 10 points* – The final report is a professional writing of your finished research project or literature review.

*Final Presentation - 3 worth 9 points* – You will prepare 3 oral presentations to report your final project at different stages.

### **Grading Breakdown**

Careful planning and a serious, consistent commitment will be required for you to successfully navigate the various deliverables in this course. The table below summarizes the SSCI 575 course assignments and their point distribution. There are 5 points designated to gauge your levels of engagement in class discussion with the professor and classmates, including but not limited to in-class discussion, Brightspace discussion forum, meetings with professors, and so forth.

<b>Assessment</b>	<b>Number</b>	<b>Points Each</b>	<b>Total Points</b>
Resume Assignment	1	3	3
Projects	3	10	30
Reading Assignments	5	5	25
Final Project Writing Report	1	10	10
Final Project Presentation	3	3	9
Mid-Term Exam	1	10	10
Final Exam	1	10	10
Class Activities	1	3	3
<b>Total</b>	<b>16</b>	<b>--</b>	<b>100</b>

## Grading Scale

Assignments in this and other SSCI courses, are graded on the letter grade scale where A is exemplary, B is very good, C is satisfactory, D is unsatisfactory, and F needs improvement. Final grades use the same letter grade scale with C being the minimum passing grade for credit at the graduate level. The grading scale follows:

A	> 93 points		B-	80-82 points		D+	67-69 points
A-	90-92 points		C+	77-79 points		D	63-66 points
B+	87-89 points		C	73-76 points		D-	60-62 points
B	83-86 points		C-	70-72 points		F	<60 points

## Assignment Submission Policy

Unless otherwise noted, all assignments must be submitted via Brightspace *by 11:59 pm Pacific Time (PT) on due dates specified in the Course Schedule below*. Your attention to on-time assignment submission is essential if I am to meet my goal to return comments on your submitted assignments before the next one is due. Sometimes this is impossible, so I will post a notice on anticipated delays if needed.

Strict penalties apply for late assignments as follows:

- All assignments will be penalized 2 points up to FOUR days late. No points will be given for submissions more than FOUR days late. Note that all assignments worth 2 points will receive 0 points if submitted late.
- Additionally, no written work will be accepted for grading after 5 pm PT on the last day of classes.

Any exceptions to these turn-in assignments are only made by me in coordination with individual students. An example of an exception would be a student's illness or injury that reasonably prohibits course involvement/participation.

## Grading Timeline

My goal is to provide grading and feedback on each course assignment no later than two weeks after the assignment was submitted.

## Course Content Distribution and Synchronous Session Recordings Policies

USC has policies that prohibit recording and distribution of any synchronous and asynchronous course content outside of the learning environment.

Recording a university class without the express permission of the instructor and announcement to the class, or unless conducted pursuant to an Office of Accessibility Services (OSAS) accommodation. Recording can inhibit free discussion in the future, and thus infringe on the academic freedom of other students as well as the instructor. ([Living our Unifying Values: The USC Student Handbook](#), page 13).

Last Revised on Aug 25, 2024



Distribution or use of notes, recordings, exams, or other intellectual property, based on university classes or lectures without the express permission of the instructor for purposes other than individual or group study is prohibited. This includes but is not limited to providing materials for distribution by services publishing course materials. This restriction on unauthorized use also applies to all information, which has been distributed to students or in any way has been displayed for use in relationship to the class, whether obtained in class, via email, on the internet, or via any other media. ([Living our Unifying Values: The USC Student Handbook](#), page 13).

## Learning Experience Evaluations

Please note Learning Experience Evaluations for the course take place at the end of the semester and are facilitated by the University. These evaluations provide an important review of student experiences in the course.

## Schedule

	Topic	Reading	Deliverable
<b>Module 1: Data Representation and Wrangling</b>			
<b>Week 1</b> 1/13	Is Spatial Special? Introduction to Spatial Data Science and GeoAI	Chapt 1 (Gao et al)	
<b>Week 2</b> 1/20* *Monday, 1/20 is university holiday	Introduction to the Spatial Data Science Workflow	Chapt 1 (Gao et al)	Due: Resume Assignment
<b>Week 3</b> 1/27	Spatial Data Representation Introduction to Spatial Statistics	Chapt 2 (Gao et al)	
<b>Week 4</b> 2/3	Spatial Data Wrangling	Chapt 2 (Gao et al)	Due: Reading Assignment 1
<b>Module 2: Exploratory Spatial Data Analysis</b>			
<b>Week 5</b> 2/10	Exploratory Spatial Data Analysis	Chapt 7 (Gao et al)	Due: Project 1 Oral Presentation 1
<b>Week 6</b> 2/17* *Monday, 2/17 is university holiday	Pattern Detection	Chapt 7 (Gao et al)	Due: Reading Assignment 2
<b>Module 3: Spatially Explicit Data Learning</b>			
<b>Week 7</b> 2/24	Spatially Explicit Unsupervised Learning		
<b>Week 8</b> 3/3	Spatially Explicit Linear Models		Mid-Term Exam
<b>Week 9</b> 3/10 3/17 *3/17-3/21 is Spring Recess	Spatially Explicit Machine Learning	Chapt 4-5 (Gao et al)	Due: Project 2

<b>Week 10</b> 3/24	Spatially Explicit Neural Networks I	Chapt 4-5 (Gao et al)	Due: Reading Assignment 3 Oral Presentation 2
<b>Week 11</b> 3/31	Spatially Explicit Neural Networks II	Chapt 4-5 (Gao et al)	
<b>Week 12</b> 4/7	Model Assessment and Selection	Chapt 10 (Gao et al)	Due: Project 3
<b>Module 4: Applications</b>			
<b>Week 13</b> 4/14	Use Case: Public Health	Chapt 11-17 (Gao et al)	Due: Reading Assignment 4
<b>Week 14</b> 4/21	Use Case: Urban Sensing	Chapt 11-17 (Gao et al)	Due: Reading Assignment 5
<b>Week 15</b> 4/28 Friday, 5/2 is the last day of class	Course Review	Chapt 11-17 (Gao et al)	Due: Final Project Oral Presentation 3
<b>Final Exams</b> 5/7-5/14	Final Exam		

## Statement on Academic Conduct and Support Systems

### *Academic Integrity*

The University of Southern California is a learning community committed to developing successful scholars and researchers dedicated to the pursuit of knowledge and the dissemination of ideas. Academic misconduct, which includes any act of dishonesty in the production or submission of academic work, comprises the integrity of the person who commits the act and can impugn the perceived integrity of the entire university community. It stands in opposition to the university's mission to research, educate, and contribute productively to our community and the world.

All students are expected to submit assignments that represent their own original work, and that have been prepared specifically for the course or section for which they have been submitted. You may not submit work written by others or "recycle" work prepared for other courses without obtaining written permission from the instructor(s).

Other violations of academic integrity include, but are not limited to, cheating, plagiarism, fabrication (e.g., falsifying data), collusion, knowingly assisting others in acts of academic dishonesty, and any act that gains or is intended to gain an unfair academic advantage.

The impact of academic dishonesty is far-reaching and is considered a serious offense against the university. All incidences of academic misconduct will be reported to the Office of Academic Integrity and could result in outcomes such as failure on the assignment, failure in the course, suspension, or even expulsion from the university.

For more information about academic integrity see [the student handbook](#) or the [Office of Academic Integrity's website](#), and university policies on [Research and Scholarship Misconduct](#).

Please ask your instructor if you are unsure what constitutes unauthorized assistance on an exam or assignment, or what information requires citation and/or attribution.

### **Policy for the use of AI Generator:**

Generative AI Tools such as ChatGPT, DALL-E, Bard, and others are now part of the cultural landscape. As in your professional lives, there will be times when using these tools is appropriate and others when there is more benefit to not using them. We will work together to determine the opportunities and responsibilities of using these tools. Some guideline principles in this course include:

- All work should be original and created specifically for the given assignment. You are responsible for the accuracy and originality of any material submitted.
- You should be the authors of all text submitted. In assignments that are collaborative in nature, that group of students will be the co-authors and have all associated responsibilities.
- Academic integrity policies regarding the use of generative AI tools will apply to every assignment.
- The extent to which using a generative AI tool is appropriate will be identified for specific assignments. Please note that such use may differ for each assignment.
- Any generative AI text should be treated as source material and should be appropriately cited. In other words, if someone else (or something else) wrote the text, a citation is necessary. You will be asked to further cite not just the source, but how you used these tools. This extra step is reflective of future professional standards and responsibilities.
- Any generative AI image or graphic should be appropriately cited.

### **Students and Disability Accommodations:**

USC welcomes students with disabilities into all of the University's educational programs. The Office of Student Accessibility Services (OSAS) is responsible for the determination of appropriate accommodations for students who encounter disability-related barriers. Once a student has completed the OSAS process (registration, initial appointment, and submitted documentation) and accommodations are determined to be reasonable and appropriate, a Letter of Accommodation (LOA) will be available to generate for each course. The LOA must be given to each course instructor by the student and followed up with a discussion. This should be done as early in the semester as possible as accommodations are not retroactive. More information can be found at [osas.usc.edu](https://osas.usc.edu). You may contact OSAS at (213) 740-0776 or via email at [osasfrontdesk@usc.edu](mailto:osasfrontdesk@usc.edu).

### **Support Systems:**

*[Counseling and Mental Health](#) - (213) 740-9355 – 24/7 on call*

Free and confidential mental health treatment for students, including short-term psychotherapy, group counseling, stress fitness workshops, and crisis intervention.

*[988 Suicide and Crisis Lifeline](#) - 988 for both calls and text messages – 24/7 on call*

The 988 Suicide and Crisis Lifeline (formerly known as the National Suicide Prevention Lifeline) provides free and confidential emotional support to people in suicidal crisis or emotional distress 24 hours a day, 7 days a week, across the United States. The Lifeline is comprised of a national network of over 200 local crisis centers, combining custom local care and resources with national standards and best practices. The new, shorter phone number makes it easier for people to remember and access mental health crisis services (though the previous 1 (800) 273-8255 number will continue to function indefinitely) and represents a continued commitment to those in crisis.

*Relationship and Sexual Violence Prevention Services (RSVP)* - (213) 740-9355(WELL) – 24/7 on call

Free and confidential therapy services, workshops, and training for situations related to gender- and power-based harm (including sexual assault, intimate partner violence, and stalking).

*Office for Equity, Equal Opportunity, and Title IX (EEO-TIX)* - (213) 740-5086

Information about how to get help or help someone affected by harassment or discrimination, rights of protected classes, reporting options, and additional resources for students, faculty, staff, visitors, and applicants.

*Reporting Incidents of Bias or Harassment* - (213) 740-5086 or (213) 821-8298

Avenue to report incidents of bias, hate crimes, and microaggressions to the Office for Equity, Equal Opportunity, and Title for appropriate investigation, supportive measures, and response.

*The Office of Student Accessibility Services (OSAS)* - (213) 740-0776

OSAS ensures equal access for students with disabilities through providing academic accommodations and auxiliary aids in accordance with federal laws and university policy.

*USC Campus Support and Intervention* - (213) 740-0411

Assists students and families in resolving complex personal, financial, and academic issues adversely affecting their success as a student.

*Diversity, Equity and Inclusion* - (213) 740-2101

Information on events, programs and training, the Provost's Diversity and Inclusion Council, Diversity Liaisons for each academic school, chronology, participation, and various resources for students.

*USC Emergency* - UPC: (213) 740-4321, HSC: (323) 442-1000 – 24/7 on call

Emergency assistance and avenue to report a crime. Latest updates regarding safety, including ways in which instruction will be continued if an officially declared emergency makes travel to campus infeasible.

*USC Department of Public Safety* - UPC: (213) 740-6000, HSC: (323) 442-1200 – 24/7 on call

Non-emergency assistance or information.

*Office of the Ombuds* - (213) 821-9556 (UPC) / (323-442-0382 (HSC)

A safe and confidential place to share your USC-related issues with a University Ombuds who will work with you to explore options or paths to manage your concern.

[Occupational Therapy Faculty Practice](#) - (323) 442-2850 or [otfp@med.usc.edu](mailto:otfp@med.usc.edu)

Confidential Lifestyle Redesign services for USC students to support health promoting habits and routines that enhance quality of life and academic performance.

### ***Resources for Online Students***

The Course Brightspace page and the SSI Student Hub on Brightspace have many resources available for distance students enrolled in our graduate programs. In addition, all registered students can access electronic library resources through the link <https://libraries.usc.edu/>. Also, the USC Libraries have many important resources available for distance students through the link: <https://libraries.usc.edu/faculty-students/distance-learners>. These include instructional videos, remote access to university resources, and other key contact information for distance students.